

BOILERS, STEAM GENERATORS, PROCESS HEATERS

Applicable Requirements and Compliance Certification

Units Located in the Ventura County Air Pollution Control District

This form applies to boilers, steam generators, and process heaters with a nameplate heat input rating of greater than or equal to 1.00 million BTU's per hour (MMBTU/Hr) that are fired on natural gas. The burner rating is considered to be the unit's heat input rating. If your unit is fired on diesel fuel, please contact the District.

This form may be used in lieu of standard form "Part D – Compliance Certification." If you choose to use this form, it must be accompanied by the "General Farming" form, and other equipment and operations forms as applicable. Refer to the attached Ventura County – Part D instructions for more information.

1. Equipment Description: Describe the boiler, steam generator or process heater.

	<u>Make</u>	<u>Model</u>	<u>Heat Input Rating (MMBTU/Hr)</u>	<u>Serial Number</u>
Example	Ajax	WPG-1500W	1.50 MMBTU/Hr	AJ7000
1.				
2.				
3.				
4.				
5.				

Attach additional sheets if needed.

2. Applicable Requirement(s)	3. Compliance Determination Method	4. Compliance Status
<p>Applicable Rule number that the unit must comply with.</p> <p><u>Rule 74.15.1</u> "Boilers, Steam Generators and Process Heaters"</p> <p><i>No person shall allow the discharge into the atmosphere, from any boiler, steam generator, or process heater with an annual heat input rate of equal to or greater than 18,000 therms (1.8×10^9 BTU), of oxides of nitrogen (NOx) emissions in excess of 30 parts per million volume (ppmv). Carbon monoxide (CO) emissions from units subject to this rule shall not exceed 400 ppmv.</i></p> <p><i>Units subject to the above provisions shall test for compliance not less than once every 24 months. (74.15.1.B.1)</i></p> <p>This rule applies to units with a heat input rating of 1.00 MMBTU/Hr to 4.99 MMBTU/Hr.</p>	<p>This is the primary method used to determine the unit is in compliance with the applicable requirement.</p> <p>1. I have knowledge that the boiler I operate has been tested for compliance at least every 24 months <u>and</u></p> <p>2. The test results (or other information) show that the concentrations of NOx and CO are below the levels described in Rule 74.15.1.</p>	<p>Please check the appropriate box, and if units have varying compliance status, then complete a separate form for each unit.</p> <p><input type="checkbox"/> in compliance with Rule 74.15.1.B.1 and I will continue to comply with all requirements.</p> <p><input type="checkbox"/> not in compliance with Rule 74.15.1.B.1 at this time, but I will be by: ____/____/____</p> <p>If <u>not</u> in compliance, submit plan per instructions.</p> <p><input type="checkbox"/> Rule 74.15.1.B.1 does not apply because I do not operate any boilers <u>or</u> the boilers I do operate have an annual heat input rate less than 18,000 therms per year.</p>

<p><u>Rule 74.15.1</u> “Boilers, Steam Generators and Process Heaters”</p> <p><i>Any boiler, steam generator, or process heater with an annual heat input rate of equal to or greater than 3,000 therms (0.3×10^9 BTU) and less than 18,000 therms (1.8×10^9 BTU) shall comply with the following requirements:</i></p> <p><i>The unit shall be tuned every 6 months or after 750 hours of operation since the previous tune-up, whichever occurs last, but in no case less than once per calendar year.</i> (74.15.1.B.2)</p> <p>This rule applies to units with a heat input rating of 1.00 MMBTU/Hr to 4.99 MMBTU/Hr.</p>	<p>1. I have knowledge that the boiler has been tuned in accordance with Rule 74.15.1.B.2, <u>and</u></p> <p>2. I maintain natural gas fuel consumption records and these records are maintained on the premises for a period of at least five years.</p>	<p><input type="checkbox"/> in compliance with Rule 74.15.1.B.2 and I will continue to comply with all requirements.</p> <p><input type="checkbox"/> not in compliance with Rule 74.15.1.B.2 at this time, but I will be by: ____/____/____</p> <p>If <u>not</u> in compliance, submit plan per instructions.</p> <p><input type="checkbox"/> Rule 74.15.1.B.2 does not apply as annual heat input rate is less than 3,000 therms per calendar year.</p>
<p><u>Rule 74.15</u> “Boilers, Steam Generators and Process Heaters”</p> <p><i>No person shall allow the discharge into the atmosphere from any boiler, steam generator or process heater with a rated heat input capacity of equal to, or greater than, five (5) million BTU's per hour, and an annual heat input rate of equal to or greater than 90,000 therms (9×10^9 BTU's) per calendar year, of oxides of nitrogen emissions in excess of 40 parts per million volume. Carbon monoxide emissions from units subject to this rule shall not exceed 400 ppmv.</i></p> <p><i>Units subject to the above provisions shall test for compliance not less than once every 24 months.</i> (74.15.B.1)</p> <p>This rule applies to units with a heat input rating of equal to or greater than 5.00 MMBTU/Hr.</p>	<p>1. I have knowledge that the boiler I operate has been tested for compliance at least every 24 months <u>and</u></p> <p>2. The test results (or other information) show that the concentrations of NO_x and CO are below the levels described in Rule 74.15.B.1</p>	<p><input type="checkbox"/> in compliance with Rule 74.15.B.1 and I will continue to comply with all requirements.</p> <p><input type="checkbox"/> not in compliance with Rule 74.15.B.1 at this time, but I will be by: ____/____/____</p> <p>If <u>not</u> in compliance, submit plan per instructions.</p> <p><input type="checkbox"/> Rule 74.15.B.1 does not apply as annual heat input rate is less than 90,000 therms per calendar year.</p>

Rule 74.15

“Boilers, Steam Generators and Process Heaters”

Any boiler, steam generator or process heater with a rated heat input capacity of equal to, or greater than, five (5) million BTU's per hour, and having an annual heat input rate of less than 90,000 therms (9×10^9 BTU's) per calendar year, shall comply with the following requirements:

The unit shall be tuned at least twice per calendar year, at intervals from four (4) to eight (8) months apart.

If the unit operates less than six continuous months per calendar year, one tune-up per calendar year shall be required. Continuity shall be broken after downtime of greater than seven (7) days.

If the unit is operated less than ten (10) days per calendar year, no tune-up shall be required. (74.15.B.2)

This rule applies to units with a heat input rating of equal to or greater than 5.00 MMBTU/Hr.

1. I have knowledge that the boiler has been tuned in accordance with Rule 74.15.B.2, and

2. I maintain natural gas fuel consumption records and these records are maintained on the premises for a period of at least five years.

☐ in compliance with Rule 74.15.B.2 and I will continue to comply with all requirements.

☐ not in compliance with Rule 74.15.B.2 at this time, but I will be by: _____/_____/_____

If not in compliance, submit plan per instructions.